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10/9/00**U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT****I. HEADINGS****DATE:** October 9, 2000**SUBJECT:** Jefferson Processing Site (Mingo Junction, Jefferson County, Ohio)**FROM:** Thomas Cook, OSC, U.S. EPA Region V, ERB, Chicago, IL

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**POLREP #6****II. BACKGROUND****Site ID No:** B5C2**CERCLIS No:** OHSFN0508038**Response Authority:** CERCLA**Demobilization Date:** TBD**Delivery Order No:** 0042**NPL Status:** Non-NPL**Start Date:** August 1, 2000**Completion Date:** TBD**III. SITE DESCRIPTION****A. Incident Category**

CERCLA Removal at an inactive facility

**B. Site Description****1. Site location and background**

See POLREP #1.

## **2. Description of threat**

See POLREP #1.

### **C. Preliminary Assessment/Site Inspection Results**

See POLREP #1.

## **IV. RESPONSE INFORMATION**

### **A. Situation and Actions Taken**

#### **1. Current situation**

A total of approximately 33,000 gallons of non-hazardous (i.e., <50 ppm PCBs) and hazardous (i.e., ≥50 ppm PCBs) oils from 18 transformers have been drained and transported off site for treatment and/or disposal. A total of 11 transformers and their vaults have undergone demolition, cleanup, and dismantling work in preparation for removal operations and transportation and disposal (T & D). A total of 159 capacitors have been inventoried, overpacked into salvage drums, and transported off site for disposal. U.S. EPA, START, and Emergency and Rapid Response Services (ERRS) personnel completed Phase IIA of the planned removal actions on September 29, 2000. An ERRS subcontractor has been selected to perform Phase IIB of the planned removal actions (i.e., transformer removal via rigging/cranes).

#### **2. Removal activities to date**

On Tuesday, October 3, 2000, the ERRS Response Manager conducted a scope of work walk-through on site with the rigging/crane subcontractor representatives. OSC Cook, the U.S. Coast Guard - Atlantic Strike Team (USCG-AST), and START personnel reviewed aerial photo- and video-documentation of the Site and surrounding properties from the overflight conducted on 9/29/00. START personnel surveyed the roadside soil/slag piles and banks utilizing a metal detector to search for possible underground metal anomalies. USCG-AST personnel, utilizing 4-wheeled all-terrain vehicles (ATVs), RAM air monitors, and global positioning system (GPS) units, scouted and investigated trailheads, trails, and access roads which lead to the stockpiles behind Buildings J1 and J2. USCG-AST personnel wore personal pumps with filter cartridges while scouting and investigating around the stockpiles. These cartridges are to be analyzed by a laboratory for NIOSH metal parameters. ERRS personnel opened up a berm of soil/rocks which was blocking vehicle access to the stockpiles.

On Wednesday, October 4, 2000, the 159 overpacked capacitors were transported off site for disposal. USCG-AST and START personnel began collecting field data for the visual extent of contamination (EOC) survey of the stockpiles behind Buildings J1 and J2. Additionally, USCG-AST personnel continued scouting and surveying trails which lead to separate stockpiles and a pond located to the north/northeast of Building J1. START personnel also collected field data for the visual EOC survey from the stockpiles located alongside Gould Road in front of Buildings J1 and J2.

On Thursday, October 5, 2000, ERRS personnel decontaminated and prepared equipment and supplies for demobilization. Also, the ERRS operator closed up the soil/rock berm which blocks

the access road to the stockpiles behind Buildings J1 and J2. START personnel completed the EOC survey by collecting field data (utilizing a metal detector and GPS unit) around the abandoned railroad spurs/beds in areas north/northeast of Building J1.

On Friday, October 6, 2000, START and ERRS personnel demobilized from the Site.

**B. Planned Removal Actions**

Phase I: Removal and off-site disposal of all capacitors and miscellaneous containers of hazardous materials.

Phase IIA: Demolition, cleanup, and dismantling of transformers/vaults.

Phase IIB: Removal of transformers via rigging/cranes.

Phase IIC: Transportation and off-site disposal of all transformer carcasses.

**C. Next Steps**

- ERRS contractor to select a subcontractor for the transportation and off-site disposal of all transformer carcasses. The transformer removal period via rigging/cranes is to be completed by an ERRS subcontractor by October 20, 2000. The T & D of transformer carcasses is to be completed by an ERRS subcontractor by November 3, 2000.
- Mobilization of all personnel and ERRS removal subcontractor on October 16, 2000, to begin Phase IIB of the planned removal actions.
- Removal, transportation, and off-site disposal of all transformers and miscellaneous containers.

**D. Key Issues**

- 24-hour on-site security is to be maintained due to an increase in public awareness of the Site.

**V. ESTIMATED COSTS (AS OF C.O.B. ON 10/5/00)**

|   |                         |
|---|-------------------------|
| EPA Costs                                   | \$33,324.56             |
| ERRS Costs                                  | \$351,996.86            |
| <u>START Costs</u>                          | <u>\$38,839.51</u>      |
| <b>TOTAL COSTS TO DATE</b>                  | <b>\$424,160.93</b>     |
| <br><b>Project Ceiling</b>                  | <br><b>\$633,000.00</b> |
| <b>Project Funds Remaining (percentage)</b> | <b>32.99%</b>           |

**VI. DISPOSITION OF WASTES**

| <u>Dates Removed</u> | <u>Waste Category</u>                | <u>Approximate Volume (gallons)</u> |
|----------------------|--------------------------------------|-------------------------------------|
| 8/26/00              | "High-level" (>500 ppm) PCB oils     | 3,365                               |
| 8/26 and 8/28/00     | "Low-level" (50 to 500 ppm) PCB oils | 19,590                              |
| 8/30/00              | Non-hazardous (<50 ppm PCBs) oils    | 9,633                               |